

FIG. 1.

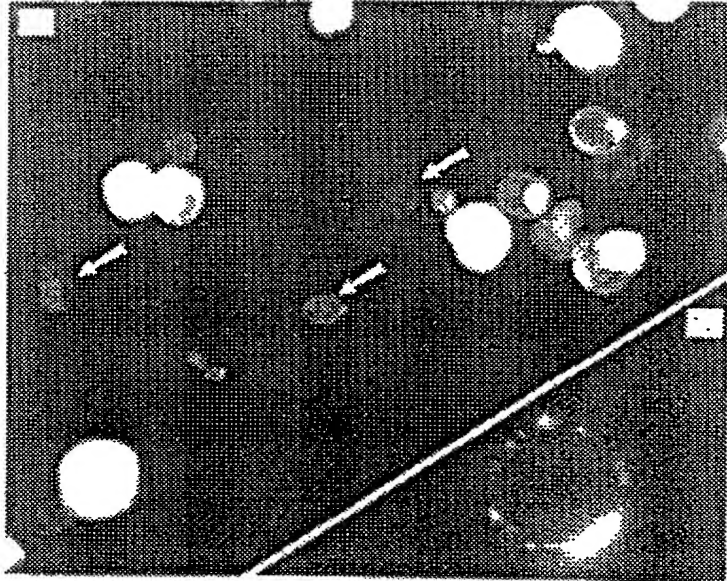


FIG. 2A.

FIG. 2B.

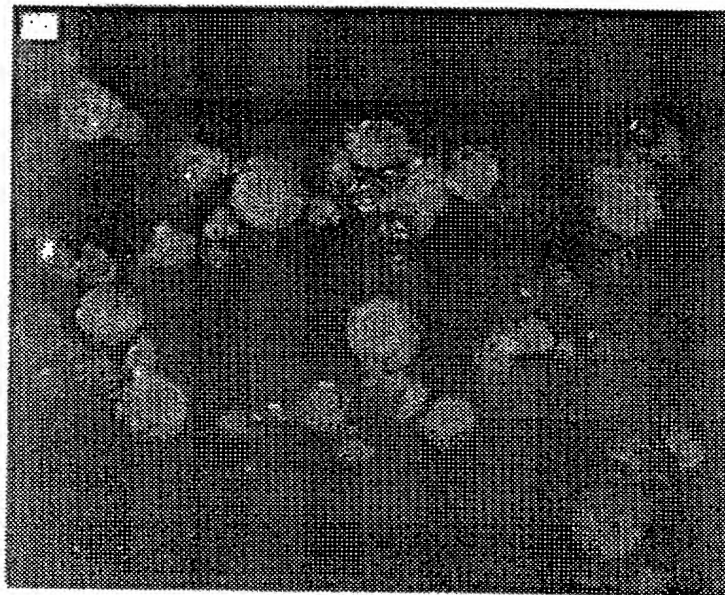
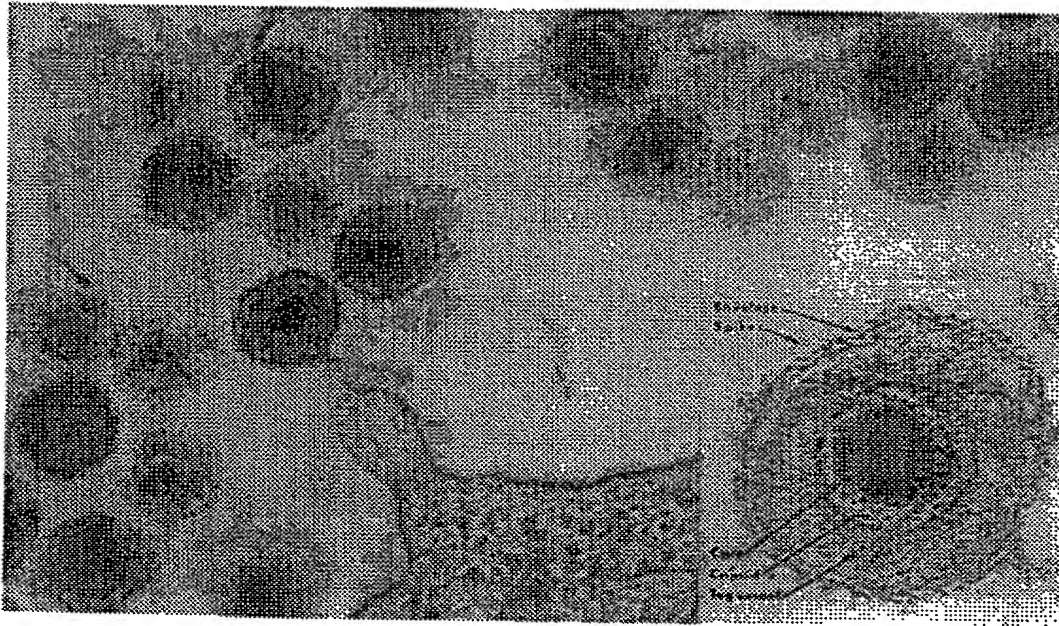


FIG. 2C.



HUMAN B-LYMPHOTROPIC VIRUS (HBLV)

FIG. 3.

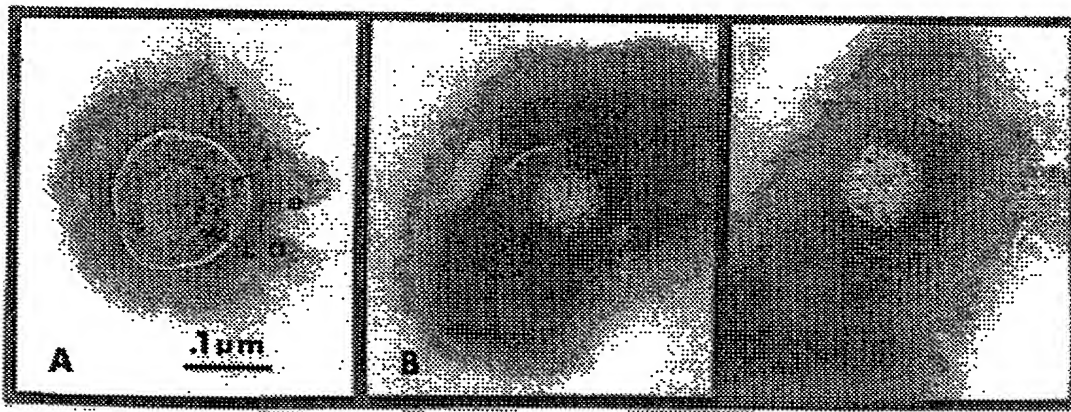
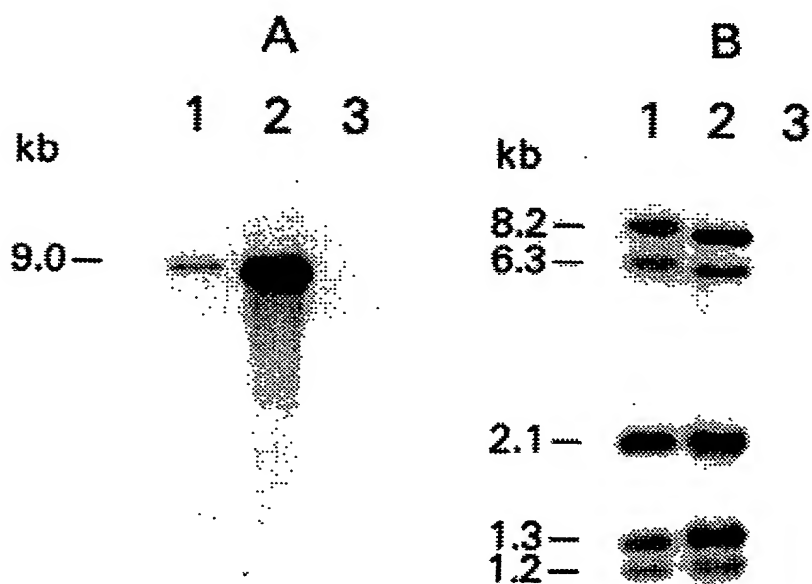


FIG. 4A.

FIG. 4B.

FIG. 4C.

HYBRIDIZATION OF HHV-6 SPECIFIC CLONE.
ZVH-14 TO DNA FROM HBLV INFECTED
CORD BLOOD LYMPHOCYTES.



A=Hind-III

B=Eco-R1

FIG. 5A.

FIG. 5B.

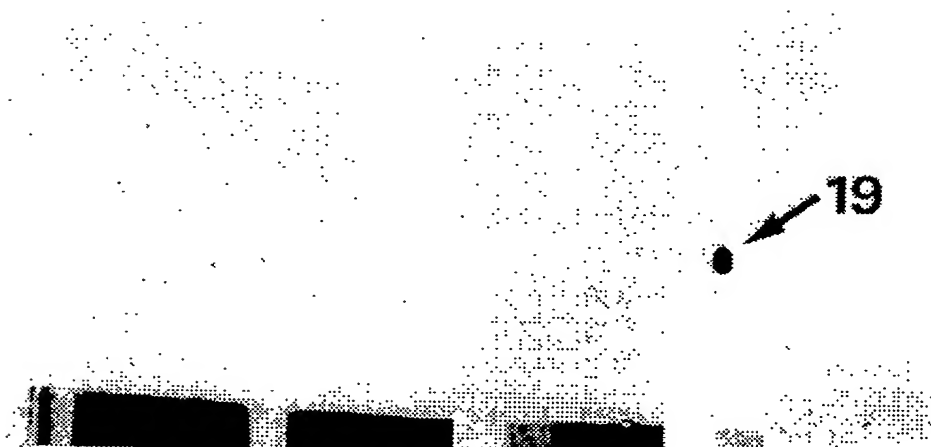
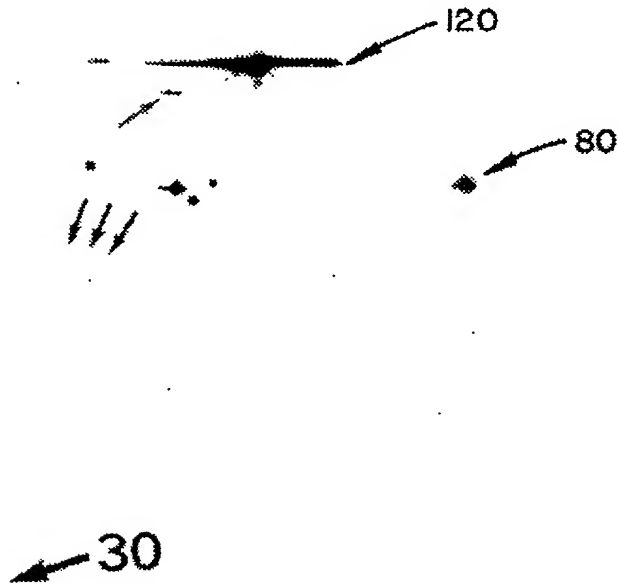
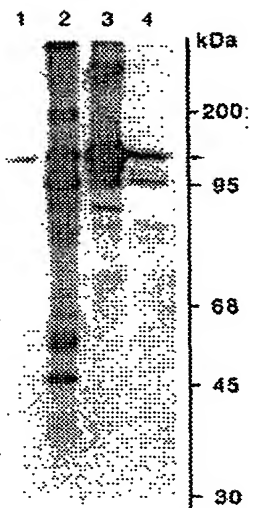


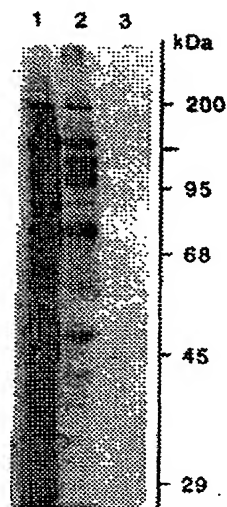
FIG. 6.



3 hrs ^{35}S Methionine and ^{35}S cysteine
labeled HSB-2 infected cells.

- Lane 1. HBLV negative serum by IFA
- Lane 2. Rabbit HBLV hyperimmune serum
- Lane 3. HBLV high positive serum by IFA from
CFS patient
- Lane 4. HBLV low positive serum by IFA

FIG. 7A.



HBLV positive serum by IFA reacted
with

- Lane 1. 15 hrs labeled - HBLV infected HSB-2 cell
supernatant
- Lane 2. infected cells (HSB-2) lysates.
- Lane 3. Uninfected cells (HSB-2) lysates.

♦ 120 kDa consistently recognized in HBLV positive
sera

FIG. 7B.



WESTERN BLOT ANALYSIS OF HBLV PROTEINS

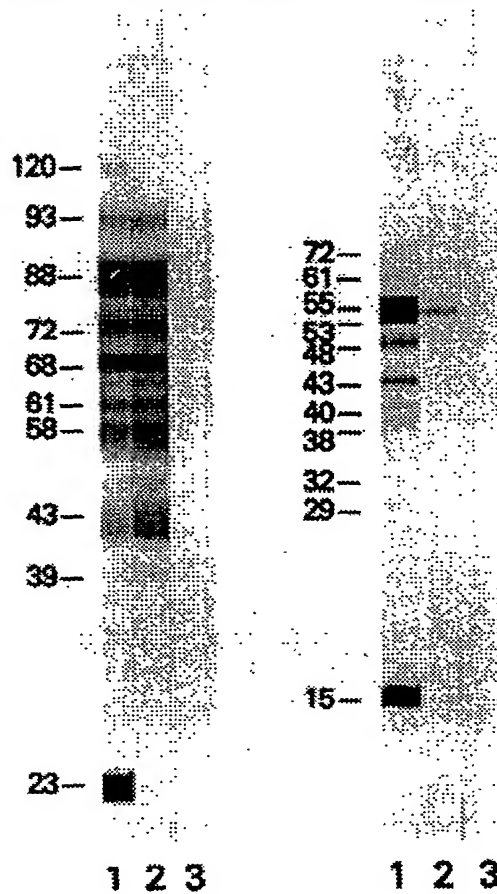


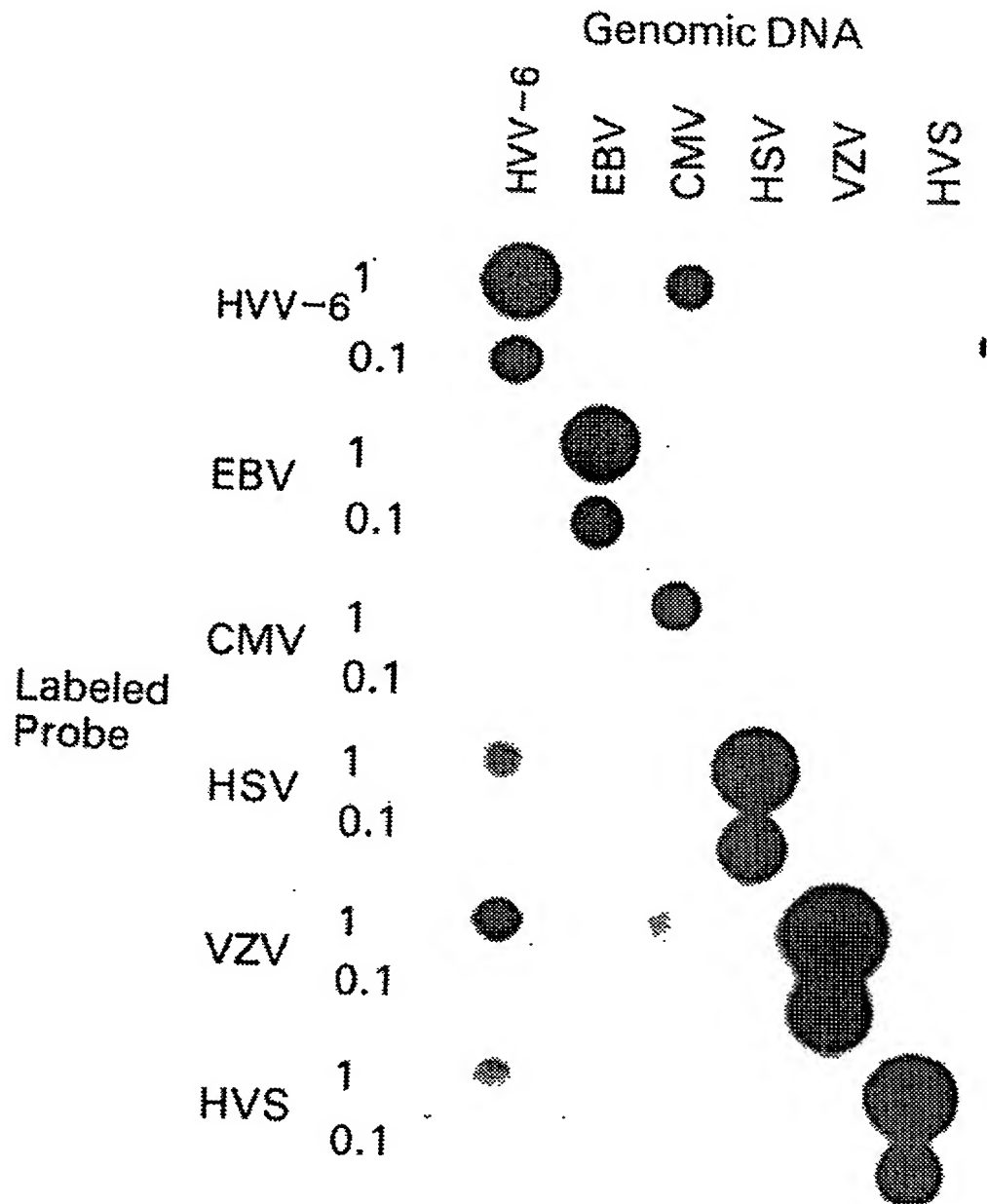
FIG. 9A. FIG. 9B.

A = Concentrated HBLV from HSB-2 Cells

B = HSB-2 Cell Lysates

Lane 1 and 2: HBLV Antibody Positive Sera

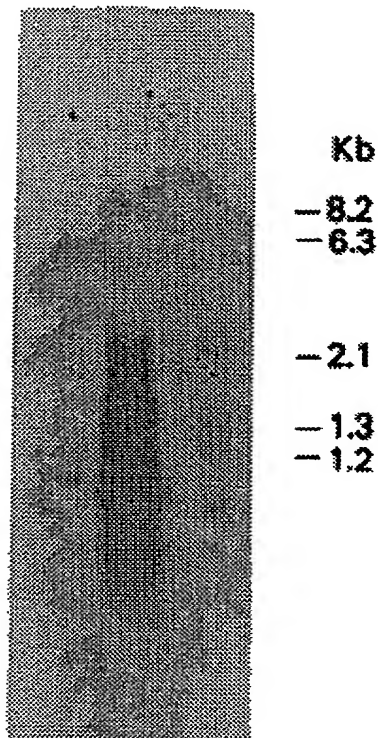
Lane 3: HBLV Antibody Negative Serum



SPECIFIC HYBRIDIZATION OF HUMAN DNA VIRUS PROBES TO
GENOMIC DNA OF HUMAN HERPES VIRUSES BY DNA DOT
BLOT ANALYSIS.
1 UNIT = 25 μ g DNA

FIG. 10.

1 2 3



HBLV Sequences in a follicular
Large cell Lymphoma.

LANE 1 — Negative Control

LANE 2 — Tumor Cell DNA

LANE 3 — DNA from HBLV positive BL

DNA from negative and positive
controls and Tumor (Lane 2) was
digested with EcoR-1.

FIG. IIA.

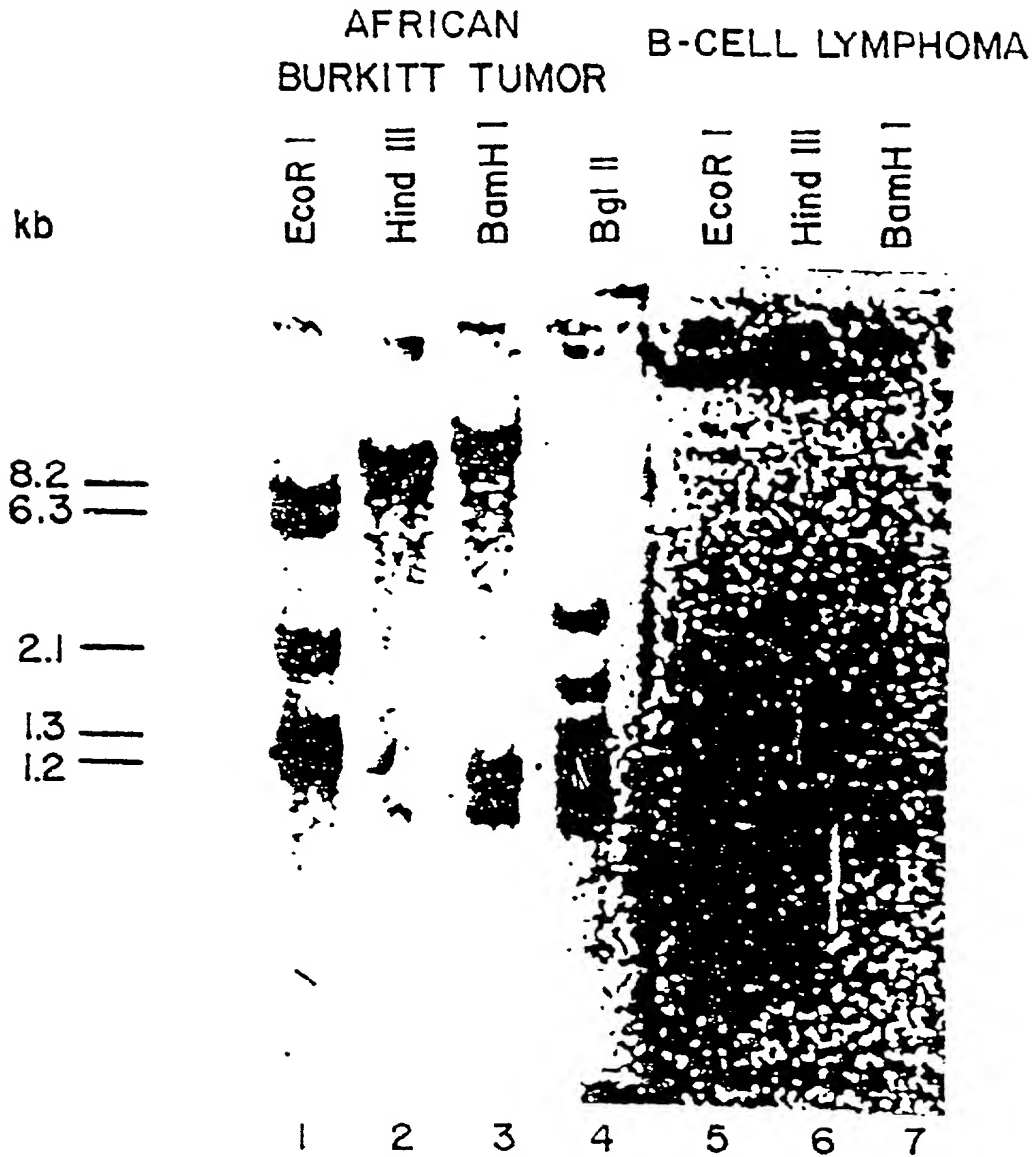
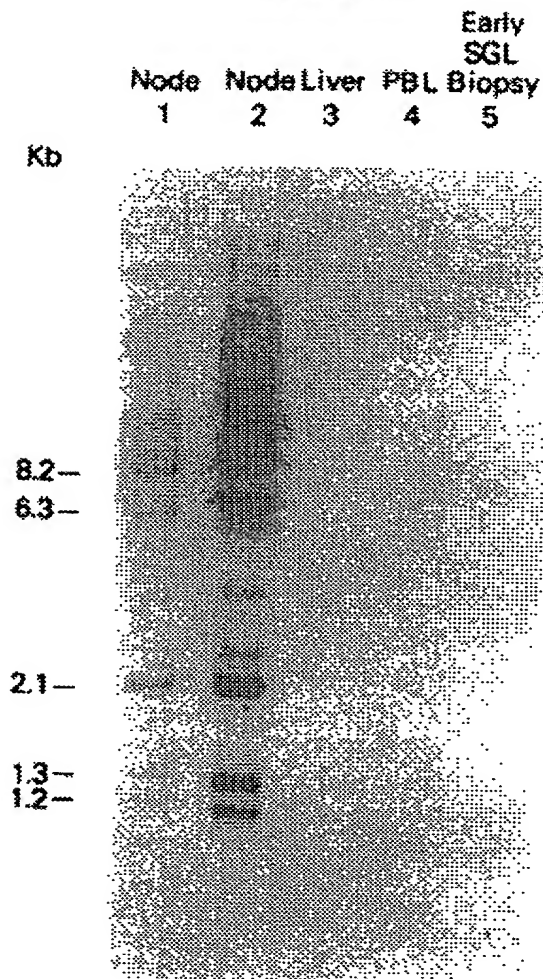


FIG. 11B.

Detection of HBLV Sequences in B-Cell Tumors Arising in a Sjögren's Syndrome Patient



LANE 1 ABDOMINAL NODE
 LANE 2 THORACIC NODE
 LANE 3 PERIPHERAL BLOOD LYMPHOCYTES
 LANE 4 LIVER
 LANE 5 EARLY SALIVARY GLAND BIOPSY

FIG. IIC.

RESTRICTION ENZYME ANALYSES OF THE HBLV GENOME

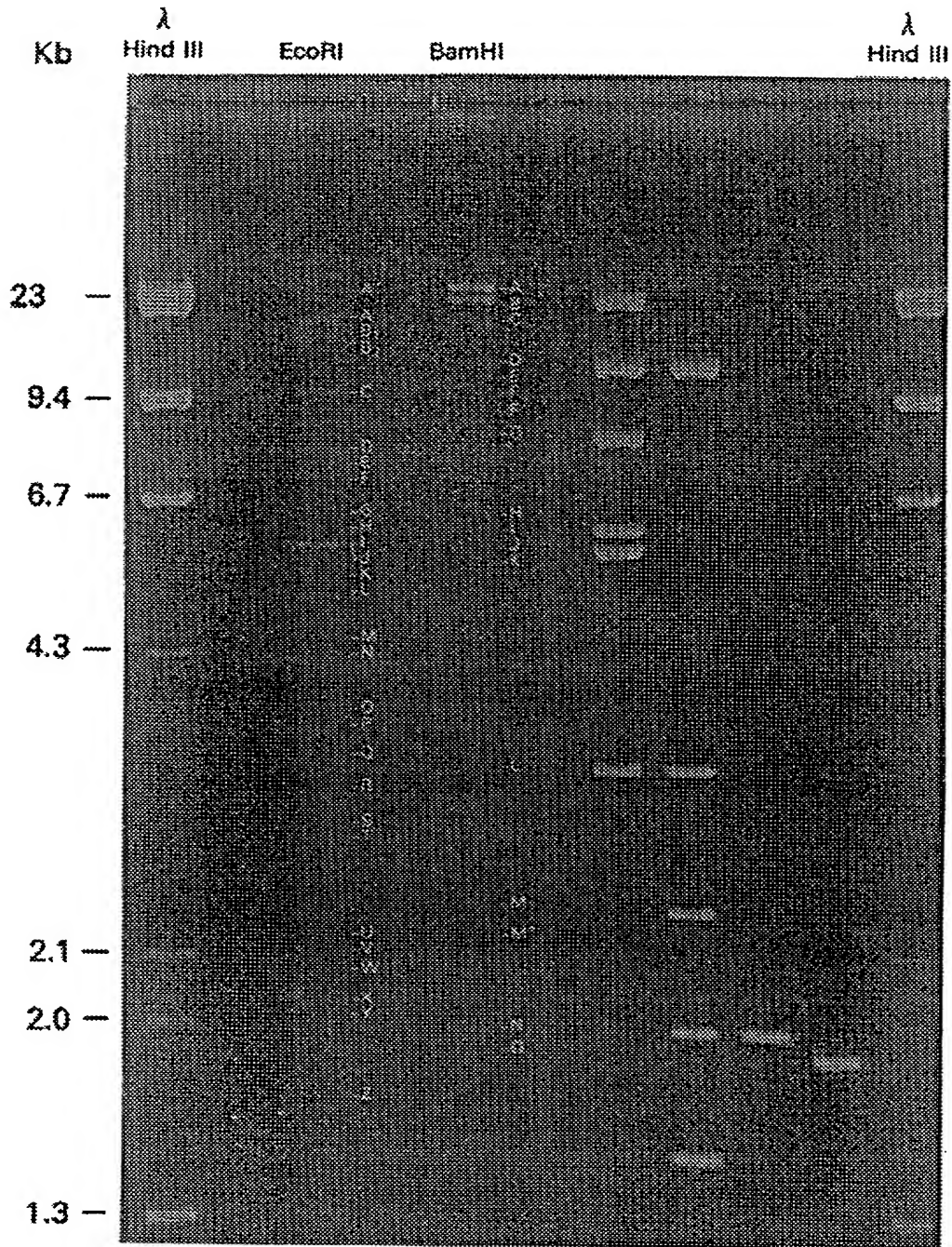


FIG. 12.

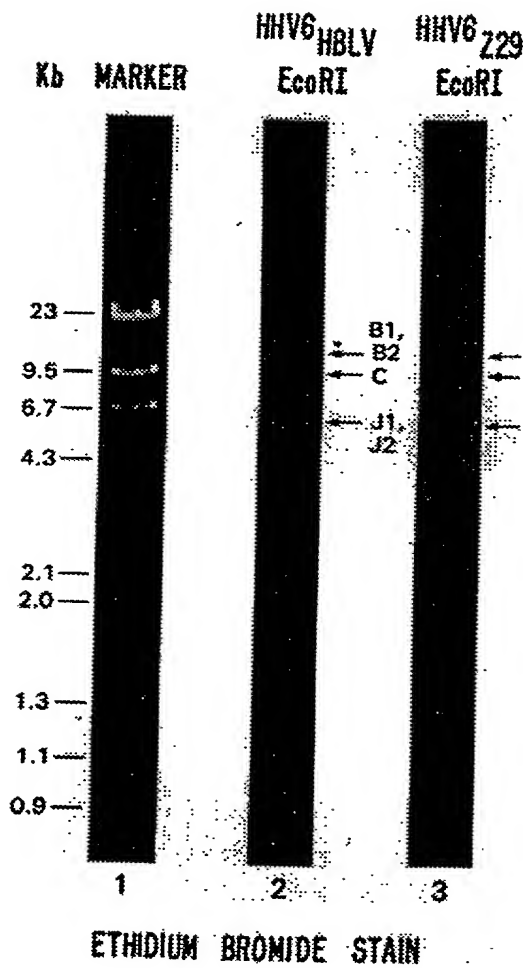


FIG. 13A.

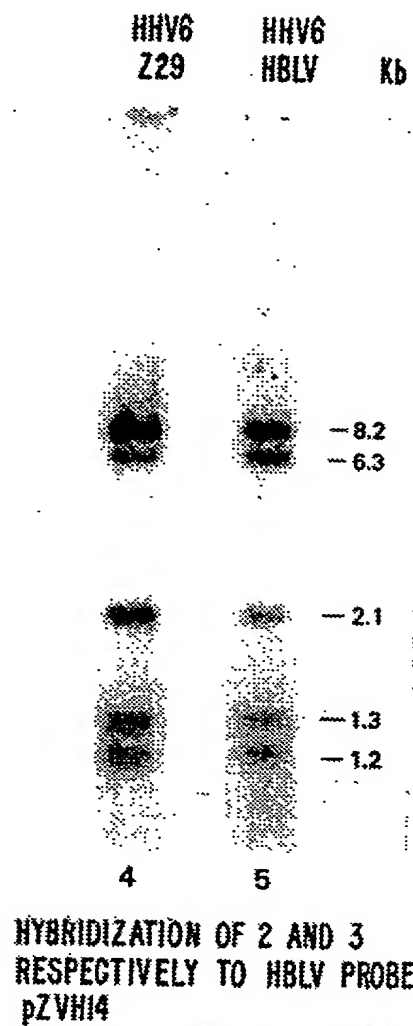


FIG. 13B.

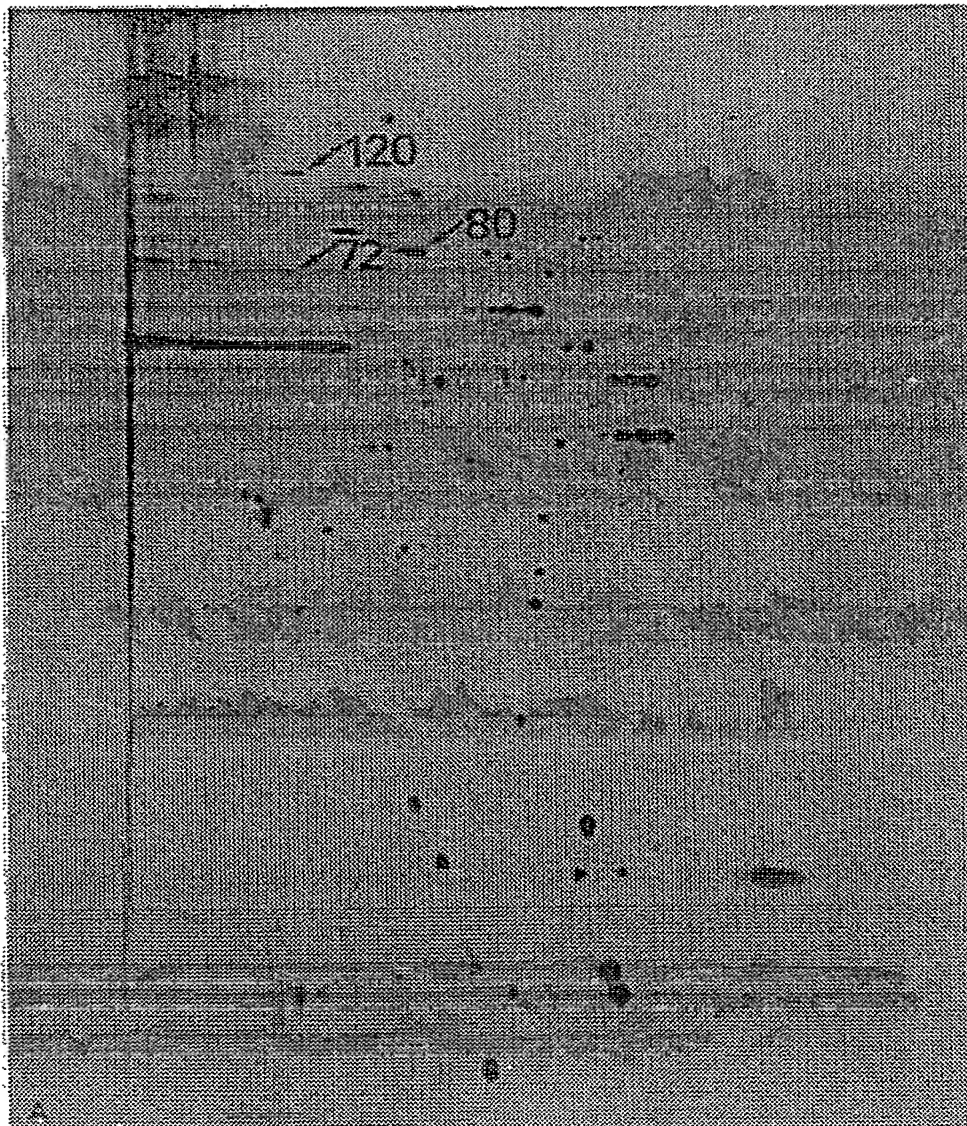


FIG. 14.

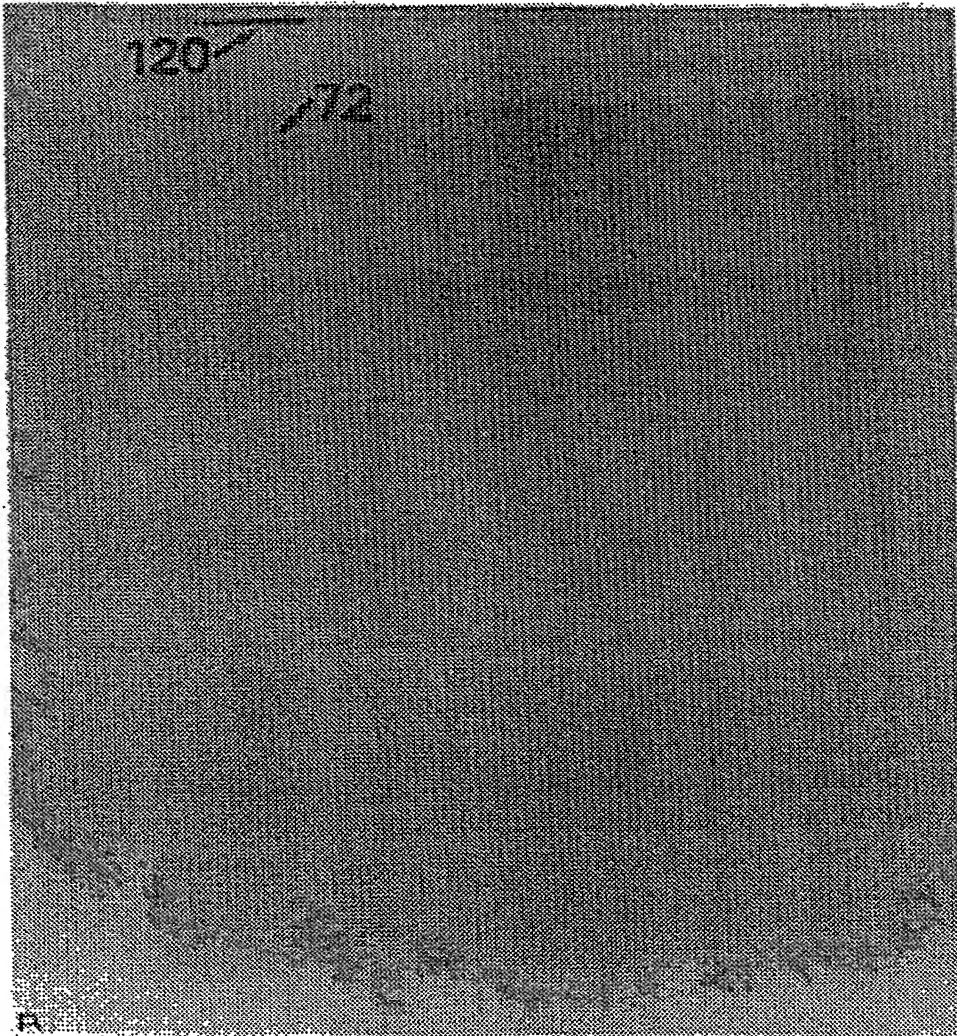


FIG. 15.

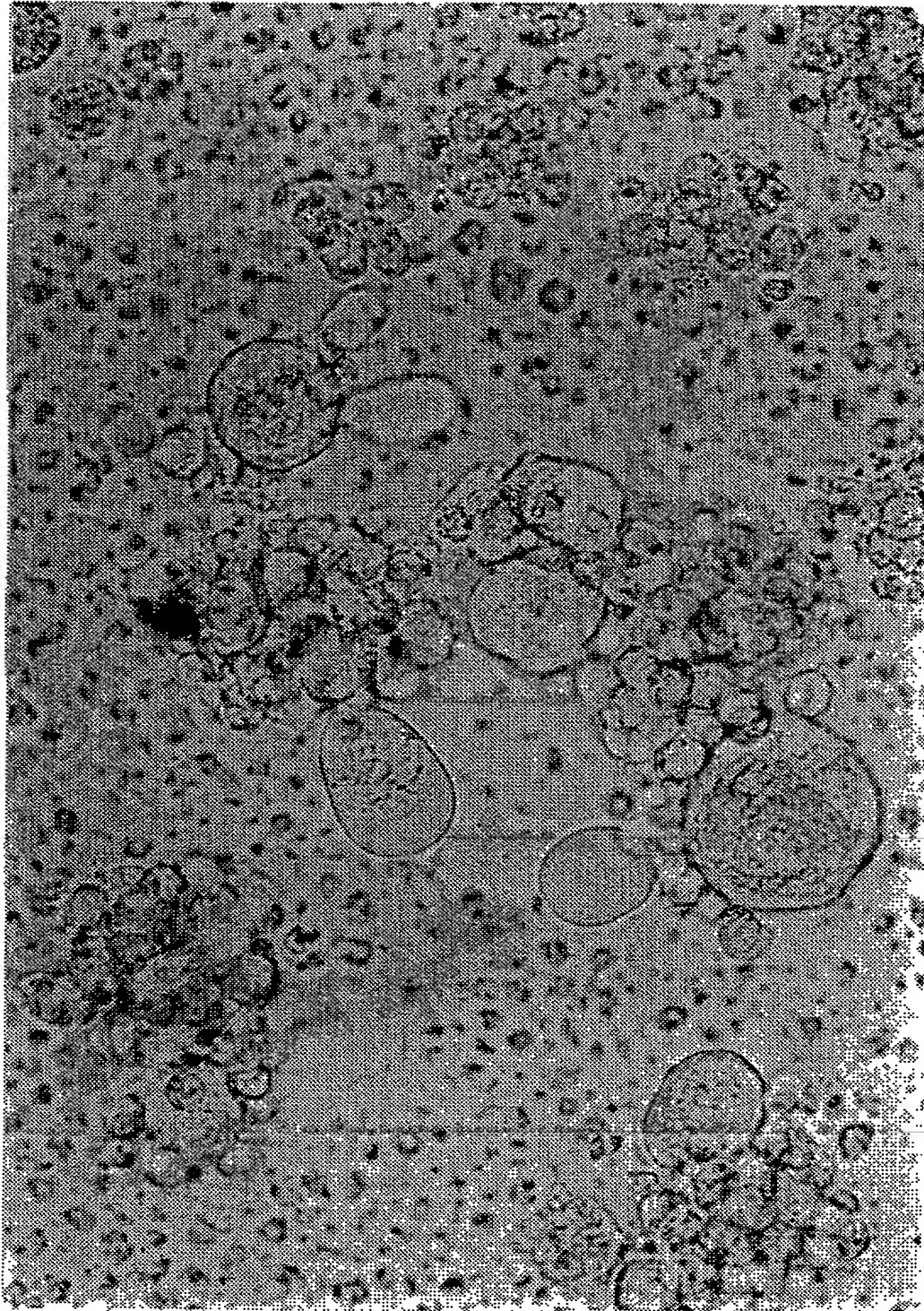


FIG. 17.